APR 0 1 2004 2 plus sign (+) inside this box PTO/SB/21 (08-00) Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE TRADEM Sonder the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/747967 TRANSMITTAL **FORM** Filing Date 12/29/2003 (to be used for all correspondence after initial filing) Ould-Brahim **First Named Inventor** Group Art Unit **Examiner Name** Total Number of Pages in This Submission Attorney Docket Number 121-006 38898--0070 Ridout Ref: ENCLOSURES (check all that apply) **Assignment Papers** After Allowance Communication Fee Transmittal Form (for an Application) to Group Appeal Communication to Board of Fee Attached Drawing(s) and letter Appeals and Interferences Appeal Communication to Group Amendment Licensing-related Papers (Appeal Notice, Brief, Reply Brief) Petition **Proprietary Information** After Final Petition to Convert to a Affidavits/declaration(s) Status Letter Provisional Application Power of Attorney, Revocation Change of Correspondence Other Enclosure(s) (please **Extension of Time Request** identify below): Address **Express Abandonment Request** Return receipt postcard Terminal Disclaimer Information Disclosure Statement; Request for Refund PTO Form 1449 and references Certified Copy of Priority CD, Number of CD(s) Document(s) Please charge any deficiency or credit any overpayment to Deposit Response to Missing Parts/ Remarks Incomplete Application Account No. 502569. Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Lindsay G. McGuinness, Reg. No. 38,549 Firm Steubing McGuinness & Manaras LLP Individual name Signature March 30, 2004 Date CERTIFICATE OF MAILING OR FACSIMILE

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APR 0 1 2004 A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ould-Brahim

Serial No.: 10/747,967

Filed: 12/29/2003

Title: MULTIHOP MPLS/IP/ATM/FRAME

RELAY/ETHERNET PSEUDOWIRE

Group Art Unit:

Examiner:

Not yet known

Attorney Docket No.: 121-006

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 33212-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted before mailing date of first office action on the merits.

Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

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Date of Deposit: March 30, 2004

Typed Name: Carol Ann Mahoney

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Respectfully submitted,

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Date: March 30, 2004

Telephone No.: 978-264-6664



PTO/SB/08A (05-03)

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Substitute for form 1449A/PTO				Complete if Known		
				Application Number	10/747967	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	December 29, 2003	
				First Named Inventor	OULD-BRAHIM, Hamid	
				Art Unit		
(Use as many sheets as necessary)			ecessary)	Examiner Name		
Sheet	1	of	1	Attorney Docket Number	38898-0070 121-006	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published	Ť
		ANDERSSON, L. (Ed.), "PPVPN L2 Framework"	
		AWDUCHE, D., et al., "RSVP-TE: Extensions to RSVP for LSP Tunnels"	
		BATES, T., et al., "Multiprotocol Extensions for BGP-4"	
-		BERGER, L. (Ed.), "Generalized Multi-Protocol Label Switching (GMPLS) Signaling Resource ReserVation Protocol-Traffic Engineering (RSVP-TE) Extensions"	_
		MARTINI, L., et al., "Pseudowire Setup and Maintenance using LDP"	
		MARTINI, L., et al., "Transport of Layer 2 Frames Over MPLS"	
······································		OULD-BRAHIM, H., et al., "GVPN: Generalized Provider-provisioned Port-based VPNs using BGP and GMPLS"	
		OULD-BRAHIM, H., et al., "Using BGP as an Auto-Discovery Mechanism for Network-based VPNs"	
		ROSEN, E.C. et al., "Provisioning Models and Endpoint Identifiers in L2VPN Signalling"	
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Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.